

## **AUTOMATIC SPEECH RECOGNITION LEARNING USING USER CORRECTIONS**

### ABSTRACT OF THE DISCLOSURE

An automatic speech recognition system recognizes user changes to dictated text and infers whether such changes result from the user changing his/her mind, or whether such changes are a result of a recognition error. If a recognition error is detected, the system uses the type of user correction to modify itself to reduce the chance that such recognition error will occur again. Accordingly, the system and methods provide for significant speech recognition learning with little or no additional user interaction.